



Boeing 747-8 (FT61)

Full-Flight Simulator

With our full-flight simulators we offer you a flight training that meets the latest technical standard and is tailor-made for the requirements of modern airlines. Naturally we adapt our simulators so that they reflect your fleet's systems environments and cockpit layouts as well as your airline's procedures. This enables you to orient your training to accord with your own line operations.

Location

Lufthansa Aviation Training, Frankfurt (Simulator-ID: FT61)

Simulator

Simulator Manufacturer	CAE, Canada
In Service Date	October 2012
Aircraft Model	747-8
Registration (Master Aircraft)	D-ABYA
Product No.	RC022
Simulator Host Computer	IBM X-3500
Motion System	6 DOF, electric
Control Loading	electric

Aircraft System

Engine Version	General Electric Genx-2B67 (66,500 lb thrust)
Aerodynamic Data Revision	Boeing Simulation Data Package Level D
Auto Flight System	
Flight Management System	Honeywell (Rehosted) BP3.0
FCC	Rockwell Collins (Software Simulation)
MCDU	Honeywell (Orig. a/c boxes)
ACARS	Simulated (Lufthansa Version)
APU	PW901C
Electronic Flight Instrument System	

EIU	IDS-804
DU	Rockwell Collins (Orig. a/c box)
Fuel System	Horizontal Stabilizer Fuel Tank
EGPWS incl. RAAS	Honeywell (Orig. a/c box) / RAAS (Lufthansa Version)
SATCOM	available, Simulated (Lufthansa Version)
TCAS II	7.1 – Software Simulation
Weight and Balance System	N/A
Weather Radar System	MultiScan (Software Simulation)
Runway Guidance	N/A

Visual

Visual System Manufacturer	Rockwell Collins, England
Type of Image Generator	EP-1000CT
Type of Display	CAE Wide Mirror 200x40 deg FOV, "eyevis" LED Projectors ESP-LHD 1000, single chip DLP
Illumination Levels	Day/Dusk/Night/Dawn
Number of Airport Scenes	more than 100

Instructor Station

Display	2 x 15" LCD touch screens mounted on IOS seat (FFIOS)
Printer/Plotter	Monochrome Laser Printer
Number of Malfunctions	more than 300
Automated Training Lessons	available on request for Base Check, Conversion, LOFT, Refresher
Multiple Weather Simulation	available
Unusual Attitude Recovery Training	available
Windshear / Microburst Scenarios	various windshear profiles for T/O and Landing available
TCAS	various scenarios with individual definition of intruder trajectory available
ATIS	available
ACARS Scenarios	available
FANS Scenarios	available
Debrief Station/Video/Recording	Digital Debrief System
Display Options	metric and/or imperial

Options

Electronic Flight Bag	Lufthansa Class II EFB
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Qualifications

German LBA	JAR-FSTD (A), Level D
EASA-ID	DE-1A-092

Simulator Fleet

At our locations in Frankfurt/Main, Berlin, Bremen, Munich, Essen, Vienna and Zurich about 40 full flight simulators reproducing more than 20 aircraft types are at your disposal for cockpit crew training.

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